



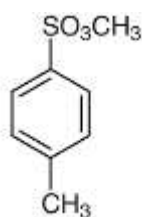
## Certificate of Analysis.

### Methyl-p-Toluene Sulphonate GC reference standard, AnStan<sup>®</sup>.

Product code:	<b>BS13550.</b>
Description:	<b>Methyl-p-Toluene Sulphonate GC reference standard, AnStan<sup>®</sup>.</b>
Chemical Name:	<b>p-Toluenesulfonic Acid Methyl Ester.</b>
Pack:	<b>100 ml.</b>
CAS No.:	<b>80-48-8.</b>
Mol. Weight:	<b>186.23 g/mol.</b>
Mol. Formula:	<b>C<sub>8</sub>H<sub>10</sub>O<sub>3</sub>S.</b>
Solubility:	<b>Soluble in chloroform.</b>
MDL Number:	<b>MFCD00008417.</b>
Melting Point:	<b>25°C.</b>
Boiling Point:	<b>145°C.</b>
Density:	<b>1.234 g/ml.</b>
Storage:	<b>Store at ambient temperature.</b>
LOT NO.:	<b>Sample.</b>
Manufacture Date:	<b>Lot specific.</b>
Expiry Date:	<b>5 years.</b>

Test	Specification	Measured Values
Appearance:	Clear Colourless Liquid.	<b>Lot specific.</b>
Identification by NMR:	Confirms to the structure.	<b>Lot specific.</b>
Identification by MASS:	Confirms to the structure.	<b>Lot specific.</b>
Identification by IR:	Confirms to the structure	<b>Lot specific.</b>
Purity by GC:	>98%.	<b>Lot specific.</b>

Please Note: - This material is only for laboratory purpose and not for human consumption. This is a computer generated COA, no stamp or signature is required.



**Dr. K. Deepti.**  
**Technical Head.**

